

March 2015



# Historic Columbia River Highway *Community Cycling Hubs*

# Acknowledgements

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## Gorge Hubs Working Group

Name	Affiliation
Arthur Babitz	Former Mayor of Hood River
Ben Hedstrom	OPRD
Claude Cruz	WCGCC
Craig Ward	City of Troutdale
Daniel Hunter	City of The Dalles
Greg Dirks	City of Wood Village
Holly Howell	Port of Cascade Locks
Karen Schaaf	WCGCC
Kate McBride	Friends of the Gorge and Hood River
Kathy Fitzpatrick	City of Mosier
Kristen Stallman	ODOT
Magnus Bernhardt	ODOT
Michele Spatz	MCEDD
Sandra Koike	ODOT
Staj Pace	Travel Oregon
Stan Hinatsu	USFS
Steve Lawrence	Mayor of the Dalles

The Mosier hub is located directly along the Historic Columbia River Highway (HCRH) where it intersects with Oregon Street. Compared to other community sites, Mosier's hub site is fairly undeveloped. The site was historically a tavern and a service station, and offers dramatic views of the Columbia River to the north. The site slopes steeply up from the highway to 2nd Avenue. The design takes advantage of this, creating two levels of use: an upper terrace provides an overlook and a great place for picnics, while the lower plaza area includes more user services like informational and wayfinding signage, a drinking fountain, additional seating, bike parking, and a bike fix-it station. The two levels are separated by a curving gabion-style retaining wall, and are connected by concrete steps. The gabion wall face could include details to evoke the famous Syncline geologic feature, which is seen from the site (looking north) and continues beneath the Columbia River into Mosier. Within the lower plaza, basalt guard rocks are used to define the hub edge and Highway. A roof structure over the signage panels provides another vertical element and shade from the summer sun. Wooden picnic tables and concrete benches are included for seating. As with other hubs, the site could be used to display local artwork, and a location for art has been specified west of the steps. Rather than use new concrete paving, the ground plane could be created using recycled concrete as irregular pavers for the lower plaza, and a wood deck is proposed for the upper terrace. The standard hub sign is placed near the site entrance along the Highway.

Amenities include--

*Core amenities (common to all hubs):*

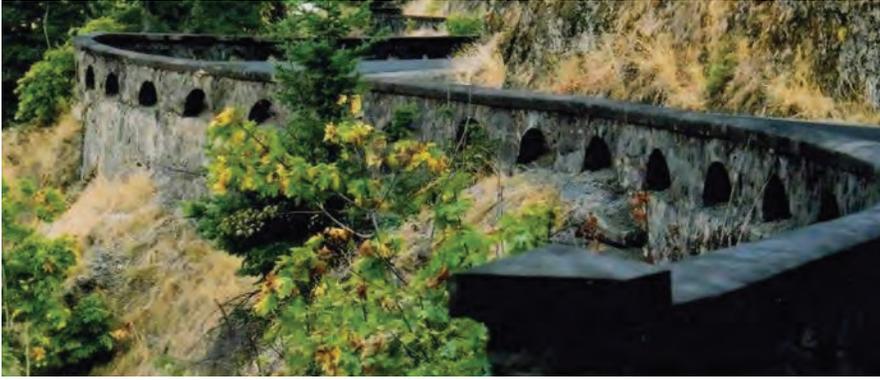
- Drinking fountain (new)
- Signage, including informational/wayfinding and hub identifier (new)
- Shelter structure (new)
- Seating (new)
- Paving (new)
- Wayfinding maps (new)
- Bike Racks (new)
- Bike Fix-it Station (new)

*Additional amenities:*

- Art (new)
- Picnic tables (existing)
- Overlook deck (new)

# Historic Columbia River Highway

## *Precedent Imagery*



Along the Historic Columbia River Highway, a palette of materials and details displays the timeless craftsmanship first established with the highway's construction. This has since become an iconic element of traveling through the gorge. Some of these details, including stone-faced walls, drinking fountains, concrete benches, and white guardrail posts have been



incorporated into the hub design concepts, to provide a sense of connection to the HCRH and provide continuity along the state trail. In doing so, the user's experience will remain connected to the HCRH and the gorge whether they visit a bike hub in Troutdale, Wood Village, Cascade Locks, Hood River, The Dalles or Mosier.



# Hub Site Photos





MOSIER - THE DALLES HWY

Perspective Viewpoint

Section A-a

HCRH Identifier Sign

Concrete Bench

Water Fountain

Gabion Retaining Wall, with Syncline Motif

Existing Trees to Remain

Upper Viewing Terrace Deck

Informational and Wayfinding Signage (Accessed from Lower Plaza)

2ND AVENUE

OREGON STREET

Cantilevered Overhead Structure

Bike Fix-It Station

Recycled Concrete Pavers

Boulders for Separation and Informal Seating

Location for Public Art  
Standard Hub Sign

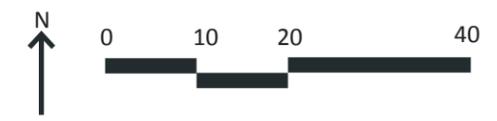
Re-Vegetate Slopes with Native Plantings

Steps Down

Bike Parking

Mosier Hub

Conceptual Plan

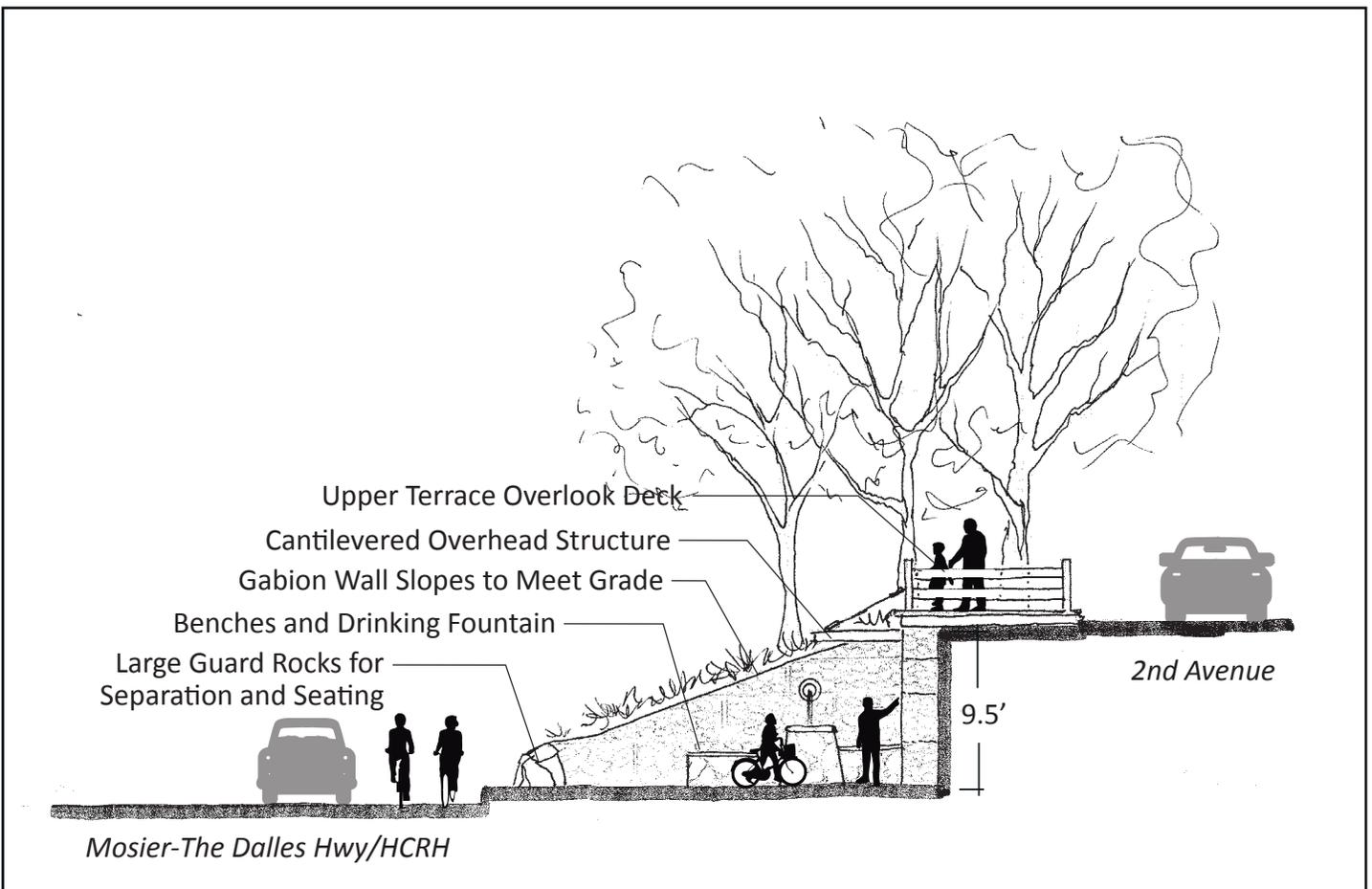


# Site Sketches

Perspective Viewpoint



The view toward the hub from the HCRH. The curving wall and signage define the lower plaza, while the upper terrace deck offers views out to the north and west across the Columbia River.



Section A-a

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# Preliminary Opinion of Cost

## MOSIER HUB

Item	Units	Quantity	Cost Per Unit	Item Total	Notes
Paving	SF	1240	\$ 8.00	\$ 9,920.00	
Planting Areas	SF	2438	\$ 5.00	\$ 12,190.00	
Gabion Retaining Wall	SF	788	\$ 75.00	\$ 59,100.00	
Cantilevered Roof	SF	300	\$ 18.00	\$ 5,400.00	
Deck	SF	640	\$ 8.00	\$ 5,120.00	Cost will vary based on future design
Concrete Steps	SF	270	\$ 12.00	\$ 3,240.00	
Bench	EA	2	\$ 750.00	\$ 1,500.00	
Boulders	EA	7	\$ 400.00	\$ 2,800.00	
Drinking Fountain	EA	1	\$ 1,200.00	\$ 1,200.00	
Bike Racks	EA	5	\$ 500.00	\$ 2,500.00	
Bike Fix It Station	EA	1	\$ 1,000.00	\$ 1,000.00	
Wayfinding Panel Signs	EA	4	\$ 750.00	\$ 3,000.00	
Hub Sign	EA	1	\$ 900.00	\$ 900.00	
Sub-Total				\$ 107,870.00	
Concept-level Contingency				\$ 53,935.00	50% assumed
Total				\$ 161,805.00	

\*Unit prices reflect 2015 costs

